

Attorney Docket No.: 26379U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: NAKAI et al.

Application No. TBD

Group Art Unit: TBD

Filed: September 28, 2004

Examiner: TBD

For: **CONTENT PROCESSING APPARATUS, CONTENT STORAGE MEDIUM, CONTENT PROCESSING METHOD, AND CONTENT PROCESSING PROGRAM**

PETITION TO MAKE SPECIAL

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a Petition to Make Special for the new application identified above.

By this Petition, Applicants hereby comply with each of the following items:

- (A) submit a petition to make special accompanied by the fee set forth in 37 CFR 1.17(h);
- (B) present all claims directed to a single invention (See new application);
- (C) submit a statement that a pre-examination search was made, listing the field of search (page 2 of this paper);
- (D) submit one copy of each reference deemed most closely related to the subject matter encompassed by the claims (See IDS); and
- (E) submit a detailed discussion of the reference(s), which points out, with the particularity required by 37 CFR 1.111 (b) and (c), how the claimed subject matter is patentable over the reference(s) (page 3 of this paper).

10/01/2004 GFREY1 00000137 10509125

04 FC:1460

130.00 DP

Statement Regarding Pre-examination Search

I hereby state that a pre-examination search was made, and the field of search included CRYPTOGRAPHY (class 380), DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES (class 707), 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING OR PLURAL PROCESSOR SYNCHRONIZATION (class 709), and ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT (class 713).

Petition to Make Special
Filed concurrently
with New Application
September 28, 2004
Attorney Docket No. 26379U

Detailed Discussion of the Reference(s)

The claimed subject matter is patentable over the reference listed on the IDS, an Abstract from the publication Kyoritsu Shuppan, Ango Riron Nyumon, 1993, pages 115-6, by Eiji Okamoto, entitled "6.1 Encryption Key Distribution Management Scheme" because the cited reference does not teach or suggest each an every element of new claims 47-86.

Specifically, the cited reference does not disclose a content processing apparatus, content storage medium, content processing method and content processing program enabling a plurality of pieces of content stored in the content storage medium to be distinguished readily from one another. Further, the cited reference does not disclose achieving the object(s) of the invention by associating information with a small data amount related to encrypted content stored in a content storage medium with the encrypted content to store in the content storage medium, and thereby distinguishing between encrypted content based on the related information without decoding the encrypted content with a large data amount. See specification at page 3, lines 14-27.

Therefore, Applicants submit that the claimed subject matter is novel and non-obvious over the cited reference.

Petition to Make Special
Filed concurrently
with New Application
September 28, 2004
Attorney Docket No. 26379U

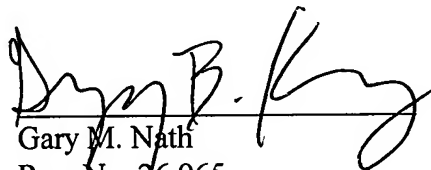
In light of the foregoing, Applicants request that the application be granted special status. Please charge any fee deficiency, or credit any overpayment, in connection with this matter to Deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES PLLC

September 28, 2004

NATH & ASSOCIATES PLLC
1030 15th Street, N.W.
6th Floor
Washington, D.C. 20005
Tel: (202) 775-8383
Fax: (202) 775-8396



Gary M. Nath
Reg. No. 26,965
Gregory B. Kang
Reg. No. 45,273
Teresa M. Arroyo
Reg. No. 50,015
Customer No. 20529

SENT BY: NATH & ASSOCIATES;

202 775 0146;

JUN-8-05 1 17;

PAGE 8/12

MAIL STOP PCT
Atty. Docket: 26379U

Today's Date: September 2, 2004
Applicant: NAKAI et al.
International Application No.: PCT/JP03/02291
Application No.: Not Yet Assigned
International filing Date: 28 February 2003 (28.02.2003)
Filed: September 2, 2004

**For CONTENT PROCESSING APPARATUS, CONTENT STORAGE MEDIUM,
CONTENT PROCESSING METHOD, AND CONTENT PROCESSING PROGRAM**

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- (1) Transmittal Letter;
- (2) Application Data Sheet;
- (3) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (4) International Publication No: WO 03/084125 A1; International Publication Date: 9 October 2003 (09.10.2003) with Search Report and English Translation which consists of 192 pages including:
 - 1 cover sheet containing the Abstract;
 - 144 pages Textual Specification;
 - 17 pages of 46 claims;
 - 1 page Abstract;
 - 29 sheets of Drawings
- (5) Preliminary Amendment with Appendixes A & B to be examined;
- (6) Petition to Make Special;
- (7) PCT Request;
- (8) PCT/IB/304 Notification Concerning Transmittal of Priority Document;
- (9) PCT/IB/308 Notice Informing the Applicant of the Communication of the International Application of the International Application to the Designated Offices;
- (10) Information Disclosure Statement;
- (11) PTO Form 1449 with one reference;
- (12) Check No. 71797 \$ 2,742.00 for Government Filing Fee and additional claim fees;
- (13) Check No. 21799 \$ 130.00 for Petition to Make Special;
- (14) Postcard for early notification of serial number.

10/509125

NATH & ASSOCIATES
1030 15th Street, NW - 6th Floor
WASHINGTON, DC 20005

EARLY NOTIFICATION OF SERIAL NUMBER REQUESTED

GMN/GBK/DT03 Rec'd PCT/PTO 2-8 SEP 2004

MAIL STOP PCT

ATTORNEY'S DOCKET NO: 26379U

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: Sept. 2004 (.09.2004)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLN. NO. (if known): Not Yet Assigned
INTERNATIONAL APPLICATION NO.: PCT/JP03/02291 PCT/JP03/02291	INTERNATIONAL FILING DATE: 28 February 2003 (28.02.2003)	PRIORITY DATE CLAIMED: 29 March 2002 (29.03.2002) JP
TITLE OF INVENTION: CONTENT PROCESSING APPARATUS, CONTENT STORAGE MEDIUM, CONTENT PROCESSING METHOD, AND CONTENT PROCESSING PROGRAM		
APPLICANT(S) FOR DO/EO/US: NAKAI, Shinichi; NOGUCHI, Naohiko; MATSUI, Shinichi; NANBA, Takaaki; INOUE, Ryuji		
<p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)): <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) <input checked="" type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) as provided in the PCT Request. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825 <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4) <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4) <input checked="" type="checkbox"/> Other items or information: <p>TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 03/084125 A1 WITH INTERNATIONAL PUBLICATION DATE OF 9 OCTOBER 2003 WITH SEARCH REPORT AND ENGLISH TRANSLATION WHICH CONSISTS OF 192 PAGES INCLUDING 1 COVER SHEET CONTAINING THE ABSTRACT; 144 PAGES TEXTUAL SPECIFICATION, 17 PAGES OF 46 CLAIMS, 1 PAGE ABSTRACT, 29 SHEETS DRAWINGS; PRELIMINARY AMENDMENT WITH APPENDIXES A & B TO BE EXAMINED; PETITION TO MAKE SPECIAL; PCT REQUEST; PCT/IB/304 TRANSMITTAL OF PRIORITY DOCUMENT; PCT/IB/308 NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH ONE REFERENCE.</p>		

ATTORNEY'S DOCKET NO: 26379U

U.S. APPLICATION NO. (if known) not yet assigned	INTERNATIONAL APPLICATION NO. PCT/JP03/02291 <u>PCT/JP03/02291</u>	DATE: Sept. 2004 (.09.2004)	
21. <u>x</u> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO:.....\$920.00 International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$730.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$770.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1080.00 International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) IPEA-U.S.....\$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =		CALCULATIONS \$ 920.00 \$ 920.00	PTO USE ONLY
Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NO. FILED	NO. EXTRA	RATE
TOTAL	40 -20=	20	X \$ 18.00
INDEPENDENT	20 - 3=	17	X \$ 86.00
Multiple dependent claims(s) (if applicable)			+ \$280.00
TOTAL OF ABOVE CALCULATIONS =			\$ 2,742.00
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).			\$ 0.00
SUBTOTAL =			\$ 2,742.00
Processing fee of \$130.00 for furnishing the English translation later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$ 0.00
TOTAL NATIONAL FEE =			\$ 2,742.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$.00
TOTAL FEES ENCLOSED =			\$ 2,742.00
		Amount to be:	
		refunded	\$
		charged	\$

ATTORNEY'S DOCKET NO: 26379U

U.S. APPLICATION NO. (if known) not yet assigned	INTERNATIONAL APPLICATION NO. PCT/EP03/02291 PCT/JP03/02291	DATE: Sept. 2004 (.09.2004)
---	--	------------------------------

a. ☒ Two checks in the amounts of \$2,742.00 and \$ 130.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$_____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

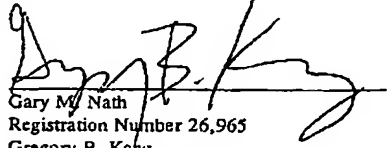
d. ☐ Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

Gary M. Nath
NATH & ASSOCIATES PLLC
1030 15th Street, N.W.
Sixth Floor
Washington, D.C. 20005

(202) 775-8383 (phone)
(202) 775-8396 (fax)


Gary M. Nath
Registration Number 26,965
Gregory B. Kang
Registration No. 45,273
Customer No. 20529

Rev. 02/98

(12)特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関
国際事務局(43) 国際公開日
2003 年 10 月 9 日 (09.10.2003)

PCT

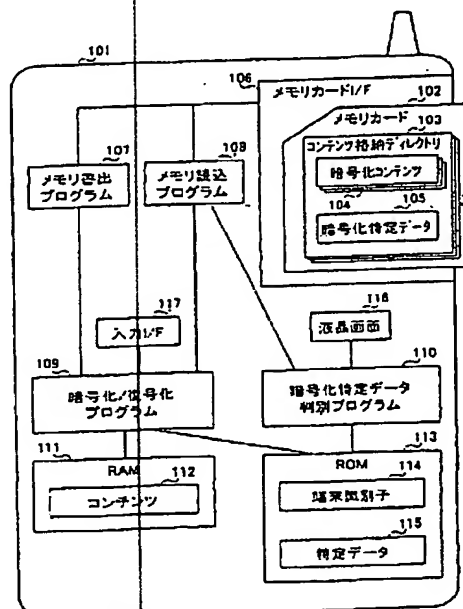
(10) 国際公開番号
WO 03/084125 A1

- (51) 国際特許分類: H04L 9/08, (72) 発明者; および
G11B 20/10, G06F 12/14, H04M 11/00 (75) 発明者/出願人 (米国についてのみ): 中井 信一
(NAKAI, Shinichi) [JP/JP]; 〒226-0024 神奈川県横浜
(21) 国際出願番号: PCT/JP03/02291 市 緑区西八朔町138-1-203 Kanagawa (JP). 野口 直彦
(NOGUCHI, Naohiko) [JP/JP]; 〒222-0031 神奈川県
(22) 国際出願日: 2003 年 2 月 28 日 (28.02.2003) 横浜市 港北区太尾町1323-601 Kanagawa (JP). 松居
(25) 国際出願の言語: 日本語 真一 (MATSUI, Shinichi) [JP/JP]; 〒658-0073 兵庫県
(26) 国際公開の言語: 日本語 神戸市 東灘区西岡本1-5-16-302 Hyogo (JP). 難波 孝
(30) 優先権データ: 特願2002-97429 2002 年 3 月 29 日 (29.03.2002) JP 彰 (NANBA, Takaaki) [JP/JP]; 〒470-0115 愛知県日進
(71) 出願人 (米国を除く全ての指定国について): 松下電 市 南ヶ丘2-4-13 Aichi (JP). 井上 隆司 (INOUE, Ryuji)
器産業株式会社 (MATSHITA ELECTRIC INDUS- [JP/JP]; 〒562-0005 大阪府 箕面市 新堀5-15-B-106
TRIAL CO., LTD.) [JP/JP]; 〒571-8501 大阪府 門真市 Osaka (JP).
大字門真1006番地 Osaka (JP).
- (74) 代理人: 簗田 公一 (WASHIDA, Kimihito); 〒206-0034
東京都 多摩市 鶴牧1丁目24-1 新都市センタービル
5 階 Tokyo (JP).

[続頁有]

(54) Title: CONTENT PROCESSING DEVICE, CONTENT ACCUMULATION MEDIUM, CONTENT PROCESSING METHOD, AND CONTENT PROCESSING PROGRAM

(54) 発明の名称: コンテンツ処理装置、コンテンツ蓄積媒体、コンテンツ処理方法及びコンテンツ処理プログラム



107...MEMORY WRITE OUT PROGRAM
108...MEMORY READ IN PROGRAM
117...INPUT IF
109...ENCRYPTION/DECRYPTION PROGRAM
112...CONTENT
106...MEMORY CARD IF
102...MEMORY CARD
103...CONTENT STORAGE DIRECTORY
104...ENCRYPTED CONTENT
105...ENCRYPTED PARTICULAR DATA
116...LIQUID CRYSTAL SCREEN
110...ENCRYPTED PARTICULAR DATA JUDGING PROGRAM
114...TERMINAL IDENTIFIER
115...PARTICULAR DATA

(57) Abstract: For an encrypted content (104) stored in a content accumulation medium (102), small-data-amount information on the encrypted content (104) is stored in the content accumulation medium (102) in correlation to the encrypted content (104). Thus, without decrypting the large-data-amount encrypted content (104), it is possible to judge the encrypted content (104) according to the small-data-amount information. This enables a user to easily judge a plurality of contents stored in the content accumulation medium.